Abstract:

An apparatus for performing scattered radiation measurements in fluids comprising a sender (1)—for example a light source—to directly emit radiation into the fluid (5), a detector (2) to measure scattered radiation in the fluid, at least one separator (4) that is provided between the fluid and the sender and between the fluid and the detector, and that allows radiation to pass through it, wherein, at least one optical deflection element (8, 9) is provided between the sender and the separator and/or between the detector and the separator, in order to deflect the emitted beam/the scattered beam toward the perpendicular onto the separator. This scattered radiation measuring apparatus is characterized by having a very compact design.